

## Blue Mountain Geothermal Project

**Loan Guarantee** – partial guarantee of a \$98.5 million loan (loan guarantee supported through the Financial Institution Partnership Program); closed September 2010

**Jobs** – The project is supporting 13 permanent jobs.

**Expected Generation Capacity** – 36 MW

**Expected Clean Air Benefits** – The project is expected to avoid over 175,000 metric tons of carbon dioxide annually, equivalent to the carbon dioxide emissions of over 30,000 vehicles.

**Expected Homes Powered** – The project is expected to generate enough clean electricity to power over 25,000 homes annually.

**Power Purchase Agreement** – The project has a 20-year power purchase agreement to sell electricity and renewable energy credits to the Nevada Power Company.

**Project Owner** – Nevada Geothermal Power Inc.

**Construction Update** – The plant has been in operation since 2009.

**Commercially Operating Technology** – The project consists of a geothermal well field and fluid collection and injection systems that enable energy to be extracted from rock and fluid below the Earth's surface, and a power plant and associated facilities that convert geothermal energy into electricity. The energy produced by the power plant is free of greenhouse gas emissions and other air pollutants.

**Supply Chain** – Over \$200 million was spent with over 300 suppliers for the construction of the Blue Mountain geothermal project, mostly in Nevada. Suppliers from California, Oregon, Colorado, Texas, and Oklahoma were also used.